Author Index Volume 65 (1992)

Al-Enezi, G., 247
Amemiya, M., 129

Ben Aim, R., 173
Bon, A.I., 1
Boxtel, A.J.B. van, 277
Brossas, J., 93
Burban, P.M., 31

Cametti, C., 7
Cannon, K.C., 259
Carlin, R.T., 21
Chen, W.-J., 113
Coulter, A.R., 269

Deeken, R.A., 269
Dharmappa, H.B., 173
Dietz, P., 101
Dindi, A., 39
Dubyaga, E.G., 1
Dubyaga, V.P., 1

Elkamel, A., 163
Ettoueny, H.M., 247

Fattah, K.A., 247
Friedmann, G., 93

Giacin, J.R., 187
Grulke, E.A., 187

Hacskaylo, J.J., 259
Hamam, S.M., 247
Hansma, P.K., 101
Hernandez, R.J., 187
Herrmann, K.-H., 101
Hughes, R., 247
Hwang, S.-T., 147, 213, 231

Inacker, O., 101
Indovina, P.L., 7
Inuta, S., 205
Ishizu, K., 129
Iwatsubo, T., 51

Janssen, L.J.J.M., 59, 69

Karachevtsev, V.G., 1
Katakura, K., 205
Kim, C.-J., 77
Kneifel, K., 295
Koval, C.A., 39

Laciak, D.V., 31
Lee, P.I., 77
Lehmann, H.-D., 101
Linden, H.J.L.J. van der, 277
Liu, C., 113

Martin, C.R., 113
Masuoka, T., 51
Mizoguchi, K., 51

Nijenhuis, K. te, 59, 69
Noble, R.D., 39, 163

Ogumi, Z., 205
Otten, Z.E.H., 277

Peinemann, K.-V., 295
Pez, G.P., 21, 31

Radovanovic, P., 213, 231
Raghunath, B., 147

Santini, M.T., 7
Sperry, P., 93

Takehara, Z.-I., 205
te Nijenhuis, K., 59, 69
Thiel, S.W., 213, 231
Toyama, K., 205
Treccosti, P., 7
Trochimczuk, W.M., 141

Uglea, C.V., 47

van Boxtel, A.J.B., 277
van der Linden, H.J.L.J., 277
Verink, J., 173
Vigneswaran, S., 173

Wycisk, R., 141

Yamamoto, K., 173

Zănoagă, C.V., 47
Zentner, G.M., 269

Subject Index Volume 65 (1992)

amino acids, transport of, 47
aniline, 205
atomic force microscopy, 101

barrier membranes, 187
boundary resistance, 147

cesium ion, 7
charge mosaic composite membranes, 129
competitive facilitated transport, 39
composite membranes, 113, 129, 295
concentration polarization, 147
controlled release, 59, 69

dialysis, including Donnan, 141
diffusion, 51, 59, 69, 77, 141, 205, 213, 231
diffusion dialysis, 141
dual-sorption model, 187

facilitated transport, 21, 31, 39
fiber membranes, 295
flux ratio, 231
fouling, 173, 277

gas and vapor permeation, 113, 163, 187, 247
gas separations, 113, 163, 247, 295
gas separation membrane, 1
geometry effect, 77

hydrogels, 77

immobilized molten salt membranes, 21, 31
interpolymers, 141
ion-exchange membranes, 141, 205

liquid membranes, 21, 31, 39, 47

membrane preparation and structure, 59, 69, 101, 113, 213, 231, 295
membrane reactor, 259
microcapsules, 59, 69
microfiltration, 101, 173
microporous and porous membranes, 101, 163, 213, 231, 295
model, 213
modeling, 247
molecular volume ratio, 51
molten salt membranes, 21, 31
myoblast fusion, 7
myogenesis, 7

optimal control, 277
optimization, 277
organic separations, 147
organo-silicon block copolymer, 1
oxygen permeability, 93

palladium impregnation, 259
perfluorosulfonate membrane, 205
pervaporation, 51, 147
phase separation, 213
polarography, 93
poly(ortho ester) films, 269
polycondensation, 59
polydispersity, 173
potassium ion, 7

reverse osmosis, 277

selective dissolution, 51
selective transport, 129
separation of oxygen from air, 21
separation of ammonia from nitrogen and hydrogen, 31
sodium ion, 7
surface layer thickness, 1
swelling front penetration, 77

theory, 39, 163, 173
thermodynamics, 51, 163, 247

ultrafiltration, 101, 173

Vycor glass membrane, 259

water treatment, 173
water sorption and diffusion, 77, 187
water permeation, 269